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(71)Applicant : CANON INC

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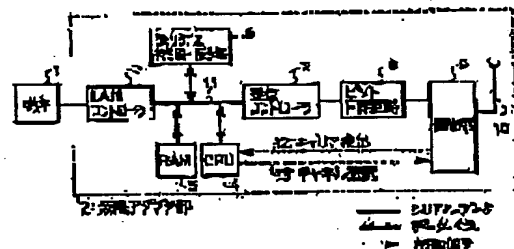
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(54) RADIO COMMUNICATION EQUIPMENT

(57)Abstract:

PURPOSE: To obtain a radio communication equipment which is capable of holding high transmission efficiency, maintaining high error correction capacity, by providing a function performing an error correction encoding for received data for every fixed length.

CONSTITUTION: A radio adapter part 2, transfers the data packet received from a terminal 1 to a RAM 5 via a LAN controller 3. A CPU 4 transmits the data stored in the RAM 5 to an error correction encoder/decoder 6 and performs an error correction encoding for every fixed length. By this constitution, the keeping of high transmission efficiency becomes possible, maintaining high error correction capacity. It is desirable that a packet to be transmitted to a line be composed of plural word words. When the received data packet is not the multiple of a fixed length for performing an error correction encoding, it is desirable that a means adding arbitrary data and the information showing the length except the length of arbitrary data added from a packet length to the packet to be transmitted be included.



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